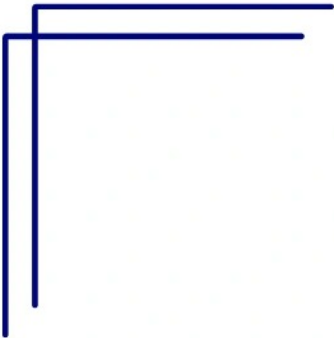




**LABdex**



## Benchtop Conductivity Meter LX100BCM



**Email:** [info@labdex.com](mailto:info@labdex.com) **website:** [www.labdex.com](http://www.labdex.com)



## Description

Benchtop Conductivity Meter LX100BCM comes with 1 - 3 point calibration system for automatic recognition of the known calibration standards. Equipped with LCD display which helps to view the measurements and set parameters. It has system of conductivity meter which can set up to 6 parameters like number of calibration points, cell constant etc. The temperature calibration by manual method improves the accuracy of conductivity meter.

## Specifications

|                                                  |                                                                                    |
|--------------------------------------------------|------------------------------------------------------------------------------------|
| <b>Conductivity measurement range</b>            | 0 - 20.0, 200.0, 2000 $\mu$ S / cm, 200.0 mS / cm                                  |
| <b>Conductivity accuracy</b>                     | $\pm 1$ % F.S.                                                                     |
| <b>Conductivity resolution</b>                   | 0.01, 0.1, 1                                                                       |
| <b>Conductivity calibration solutions</b>        | 10 $\mu$ S / cm , 84 $\mu$ S / cm, 1413 $\mu$ S / cm, 12.88 mS / cm, 111.8 mS / cm |
| <b>Conductivity calibration points</b>           | 1 - 3 Points                                                                       |
| <b>Temperature compensation range &amp; mode</b> | Manual or automatic 0 to 100 °C, 32 to 212 °F                                      |
| <b>Temperature range</b>                         | 0 to 105 °C, 32 to 221 °F                                                          |
| <b>Temperature accuracy</b>                      | $\pm 1^{\circ}$                                                                    |
| <b>Temperature resolution</b>                    | 0.1 °C                                                                             |
| <b>Temperature coefficient</b>                   | 0.0 to 10.0 % per °C                                                               |
| <b>Cell constant</b>                             | K= 0.1, 1, 10 or User-defined                                                      |
| <b>Data hold function</b>                        | Manual or automatic                                                                |
| <b>Connector</b>                                 | 6 - pin mini plug                                                                  |
| <b>Display</b>                                   | LCD (315 × 75 mm)                                                                  |
| <b>Power</b>                                     | DC 6 V / 400 mA power adapter, AC 220 V / 50Hz                                     |
| <b>Dimension (L × W × H)</b>                     | 210 x 205 x 75 mm                                                                  |
| <b>Weight</b>                                    | 2 Kg                                                                               |

## Features

- Equipped with white backlit LCD display
- 1 - 3 point calibration with automatic recognition of calibration solution
- Manual temperature compensation improves the measurement accuracy of meter
- Automatic temperature compensation for accurate measured value over the entire range
- Auto hold function freezes stable, final readings for better viewing and recording
- Reset function automatically resumes all the settings to default mode
- System menu allows setting the 6 parameters
- Automatic power off helps to reduce battery power consumption
- Help message as an operational guide for Quick access to the conductivity meter

## Applications

- Used in water quality analysis, research, education, environmental monitoring, chemicals & liquids quality testing etc. for measuring conductivity.



**71-75 Shelton Street Covent Garden, London WC2H 9JQ UK.**

**Email: [info@labdex.com](mailto:info@labdex.com) | Website: [www.labdex.com](http://www.labdex.com)**